

# Hassan Javed

Software developer and computer science student at Brunel University

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[hassanj.dev](https://hassanj.dev)

[github.com/divizn](https://github.com/divizn)

## SKILLS

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- High degree of knowledge in multiple web technologies including **HTML**, **CSS** (and **SCSS**), **JavaScript**, **Node.js**, **React** and **TailwindCSS**, used to **develop** (and **deploy** a plethora of **web applications**. Also have practice in frameworks such as **Spring/Spring Boot** and I am currently learning **Next.js**.
- Knowledge in database management systems such as **MySQL** and **PostgreSQL** (going to try out **BaaS** like **MongoDB** and **Firebase** in the future).
- **Tooling**: Daily use of **Git** on command line and **VCS** in **VSCode**, **IntelliJ** and **PyCharm** alongside **Git Bash**. Knowledge in **Postman**, **Thunder Client**, **XAMPP**, **React** + **Chrome** + **Opera Dev tools**. Knowledge of **Windows OS** and currently working with **Linux** in university on a VM.
- **Excellent problem-solving skills** allowing me to solve a variety of **analytical** and **logical** problems demonstrated in my personal projects and Programming module at University
- **High level communications skills** enabling me to **effectively test software** remotely for a company in America
- **Pragmatic, realistic thinking** allowing me to analyse situations carefully and **avoid panic and brainstorm ideas** for potential solutions to a problem I am currently dealing with which I have utilised in daily life and timed programming tasks where I have learnt **effective time management** and **dynamic programming skills** to construct efficient solutions to problems.

## EDUCATION

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**Brunel University, Uxbridge, Middlesex**

**Sept. 2021 – June 2025**

**BSc with Honours Computer Science (Software Engineering)**

### Relevant Year Two Modules

Software Development and Management  
Usability Engineering  
Algorithms and their Applications  
Networks and Operating Systems  
Year 2 Group Project

### Relevant Year One Modules

Fundamental Programming Assessment (A+)  
Software Implementation: A  
Software Design: A-  
Information Systems and Organisations (A-)  
Logic and Computation (A-)

## PROJECTS

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### Vanilla JS Portfolio Website (Personal Project)

- Built a live portfolio website using vanilla JS, HTML and SCSS to learn the fundamentals and conventions of web development.
- Learnt skills such as styling with CSS (SCSS), HTML components, JavaScript functions (and accessing DOM + event listeners) as well as how to deploy a website.
- Learnt how to use Opera and Chrome devtools (used Lighthouse) for debugging purposes.

**Website link:** [hassanj.dev](https://hassanj.dev)

### Spotify Wrapper Discord Bot in Python (Personal Project)

- Created a Discord bot in Python with Discord and Spotify API (discord.py and spotify libraries).
- Learnt how to work with documentation and utilise APIs.
- Briefly deployed the bot using Heroku.
- This bot has commands which allows a user to search for songs and artists from the Spotify database and a lot more which can be seen in the repository and live demo.

**GitHub repository:** [github.com/divizn/discord-spotify-bot](https://github.com/divizn/discord-spotify-bot)

**Live demo video:** [youtube.com/watch?v=rVV-3SfUdc](https://youtube.com/watch?v=rVV-3SfUdc)

### React Weather App (Personal Project)

- Created a weather app in ReactJS that displays current weather information for a city that the user searches for.
- Used openweathermap API to retrieve the weather data via axios library.
- I learned how to make my own components with React using useState and useEffect hooks (did not need useEffect).
- Learnt how to deploy using create-react-app to build the project and then host on Netlify through GitHub

**GitHub repository:** [github.com/divizn/react-weather-app](https://github.com/divizn/react-weather-app)

**Demo video:** [youtube.com/watch?v=uhyKa8NDIow](https://youtube.com/watch?v=uhyKa8NDIow)

**Live website:** [chipper-nougat-f6362a.netlify.app](https://chipper-nougat-f6362a.netlify.app)

## WORK EXPERIENCE

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### BTMG USA, Chicago, IL (Remote)

**Sept 2022 – Present**

- Working alongside a Senior Software Engineer, **rigorously testing real world software** developed for clients.
- Familiarised myself in an **Agile** working environment.
- Built on my **communication skills** by interacting with the engineers and highlighting bugs in the software.

## INTERESTS AND ACTIVITIES

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- Enjoy building my own applications for personal use/growth
- Assist friends and family with technical problems to challenge myself and my ability at problem solving
- Always keeping up with latest technologies and testing my skills on things by watching videos on YouTube
- Enjoy watching what other people are doing on sites like dev.to and stack overflow
- Occasionally look at code in open source projects to learn conventions and techniques others use in their projects

## REFERENCES

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Available on request